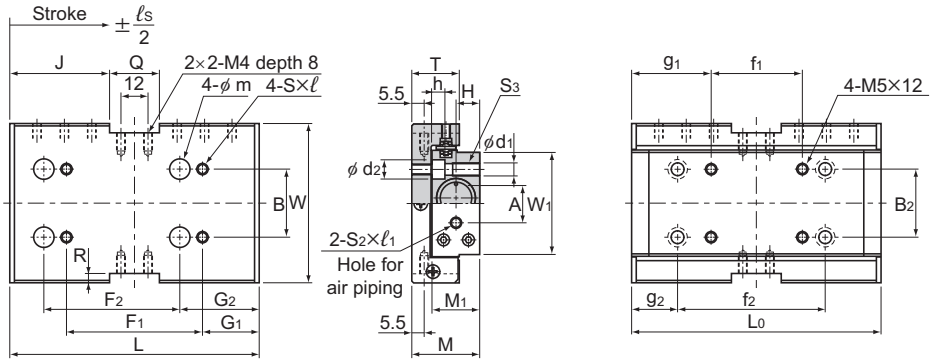


Model LSC



| Model No. | Max. Stroke l_s +0.5 0 | Cylinder Inner diameter | Slider dimensions | | | | | |
|-----------|-----------------------------------|----------------------------|---|---------------------------|------------|-----|----|----|
| | | | Theoretical thrust (at 500 kPa) N | Height M ± 0.05 | Width W | L | T | B |
| LSC 1015 | 15 | 10 | 38.2 | 25 | 50 | 80 | 24 | 20 |
| LSC 1515 | 15 | 15 | 86.3 | 30 | 70 | 80 | 21 | 30 |
| LSC 1530 | 30 | 15 | 86.3 | 30 | 70 | 110 | 21 | 30 |
| LSC 1550 | 50 | 15 | 86.3 | 30 | 70 | 150 | 21 | 30 |

| Model No. | L_0 | B_2 | Base dimensions | | | | | | |
|-----------|-------|-------|-----------------|-------|-------|-------|---------------------------|----|-------|
| | | | f_2 | g_2 | f_1 | g_1 | $d_1 \times d_2 \times h$ | A | S_3 |
| LSC 1015 | 80 | 20 | 40 | 20 | — | — | 3.3 × 5.5 × 3.5 | 13 | M4 |
| LSC 1515 | 80 | 30 | 40 | 21 | 23 | 29.5 | 5.2 × 9 × 5.5 | 17 | M6 |
| LSC 1530 | 110 | 30 | 60 | 25 | 40 | 35 | 5.2 × 9 × 5.5 | 17 | M6 |
| LSC 1550 | 150 | 30 | 100 | 25 | 78 | 36 | 5.2 × 9 × 5.5 | 17 | M6 |

Model number coding

LSC1515 B S L

Model number

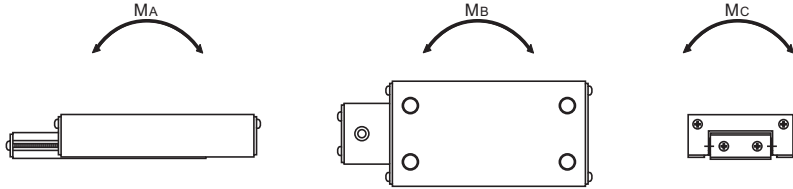
With unit base

With external stopper

With limit switch

Notes: Unit base, external stopper and limit switch are not available for model LSC1015.

The speed controller is optional.



Unit: mm

| Slider dimensions | | | | | | | | | | |
|-------------------|----------------|----------------|------|-----|----------------|----------------|----|----|---|----------------|
| | F ₁ | G ₁ | S×l | m | G ₂ | F ₂ | J | Q | R | M ₁ |
| | 40 | 20 | M4×7 | 5.5 | 12.5 | 40 | — | — | — | 16.5 |
| | 40 | 19 | M5×8 | 9 | 28.5 | 40 | 29 | 22 | 4 | 21 |
| | 60 | 25 | M5×8 | 9 | 35 | 60 | 44 | 22 | 4 | 21 |
| | 100 | 25 | M5×8 | 9 | 50 | 50 | 64 | 22 | 4 | 21 |

Linear Ball Slide

| Base dimensions | | | Static permissible moment ¹ | | Basic load rating | | Mass kg |
|-----------------|------|--------------------------------|--|-----------------------|-------------------|---------------------|------------|
| W ₁ | H | S ₂ ×l ₁ | M _A , M _B N·m | M _C N·m | C N | C ₀ N | |
| 31.2 | 5.5 | M5×5 | 4.9 | 7.45 | 392 | 676 | 0.25 |
| 45 | 10.5 | M5×4.5 | 4.9 | 11.1 | 392 | 676 | 0.37 |
| 45 | 10.5 | M5×4.5 | 8.43 | 15.4 | 549 | 951 | 0.52 |
| 45 | 10.5 | M5×4.5 | 15.4 | 22.1 | 794 | 1350 | 0.72 |

¹ M_A, M_B and M_C each indicate the permissible moment per LM system, as shown in the figure above.